

WIRELESS 1000 Annunciator System



TR-10U REPEATER

This product is only compatible with the Wireless 1000 series.

TR-10U MANUAL

Please read this manual carefully before installation.

FEATURES

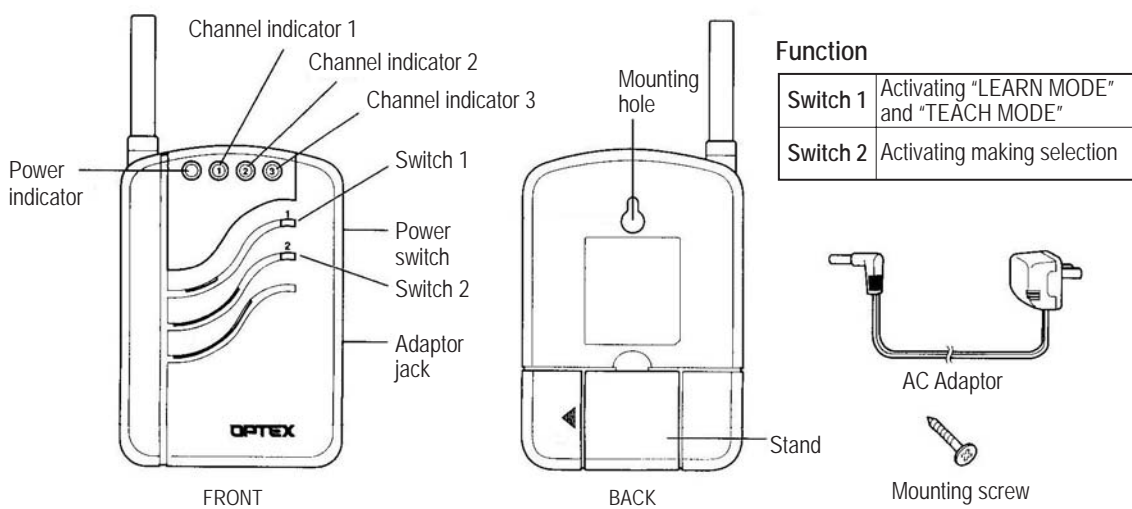
- Compatible with the TD-10U (In/Outdoor Sensor Transmitter), the TS-10U (Handheld Transmitter), TC-10U (Door/Window Transmitter), RC-10U (Chime Box W/Relay), RG-10U (Single Relay Receiver)
- Identifies the zone (location) by LED lights (4 channel)
- A total of 4 transmitters can be learned
- Preset transmission codes are automatically "learned" by the repeater
- Over 8 million codes possible, eliminates interference from neighbors
- Push button switches to select the function settings
- Low battery indicator
- Powered by a 9VAC adaptor (included)

CAUTION

Please be careful of the following:

- 1. Do not use outside.**
This product is not supposed to use outside of the building.
- 2. High Temperature, High humidity & Dirty Fumes**
Do not expose the TR-10U to high temperature changes, rapid changes in temperature, steam, high humidity or oily smoke.
- 3. Transmission range may decrease under the following conditions:**
 - A steel door, reinforced concrete, or other metal obstructions between the transmitter and TR-10U and the receiver.
 - Installing either the transmitter or TR-10U or the receiver on a metal surface.
 - Places near strong radio sources, such as broadcast stations or high power lines.
 - To comply with the FCC RF exposure compliance requirements, this device and its antenna must not be co-located or operating in conjunction with any other antenna or transmitter.
- 4. Other Electric Devices**
Use the TR-10U at least 3ft (1m) away from following devices: TV, radio, personal computer, microwave oven, refrigerator, and any device that has an electric motor (This may cause malfunction).
- 5. Impact/Shock**
Do not drop or impact the TR-10U in any manner.
- 6. Tampering**
Do not change or modify the products without approval from a professional engineer or electrician. Manufacturer can not accept responsibility for any accidents.
- 7. Cleaning**
Harsh cleaners such as paint removers or benzene may ruin the surface. Use a soft, wet cloth and mild soap or detergent to clean.
- 8. Adaptor**
Do not use any other AC adaptor except including one.

PART IDENTIFICATION



MAXIMUM RECEPTION/TRANSMISSION RANGE

RECEPTION (TRANSMITTER TO TR-10U)

- 1000 ft. (300 m) (with TD-10U, open field, line of sight)
- 700 ft. (210 m) (with TS-10U/TC-10U, open field, line of sight)

TRANSMISSION (TR-10U TO RECEIVER)

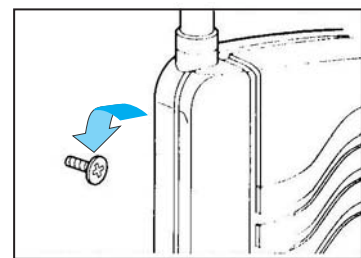
- 1000 ft. (300 m) (with RC-10U/RG-10U, open field, line of sight)

Measurements were made over and level unobstructed ground. Natural or man-made obstacles and other environmental factors can interfere with or otherwise reduce the transmission range. Always confirm the actual transmission range during the system installation. Please also use the information below as a reference for the transmission performance.

	RECEPTION from		TRANSMISSION to
	TD-10U	TS-10U TC-10U	RC-10U RG-10U
Plaster construction:	150 ft. (45m)	110 ft. (33m)	150 ft. (45m)
Reinforced concrete construction:	100 ft. (30m)	70 ft. (21m)	100 ft. (30m)

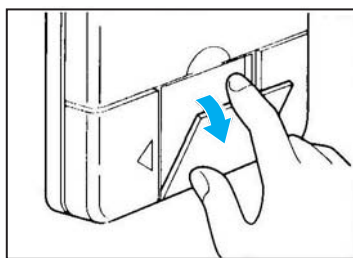
* When you will waste product, please disassemble the product and waste according to states law.

INSTALLATION



Mounting on a wall

Use the mounting screw on a wall. Leave some length of the screw out for the mounting hole of the TR-10U.

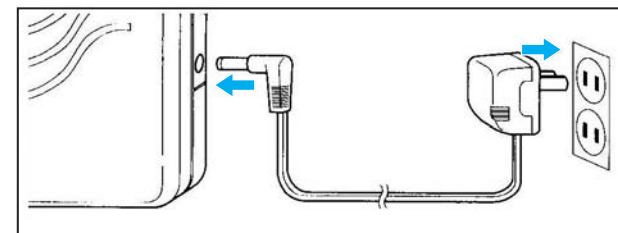


Desktop

Pull out the stand on the back of the TR-10U and place it on any flat surface.

POWER CONNECTION

Use only the power adaptor supplied with the product.

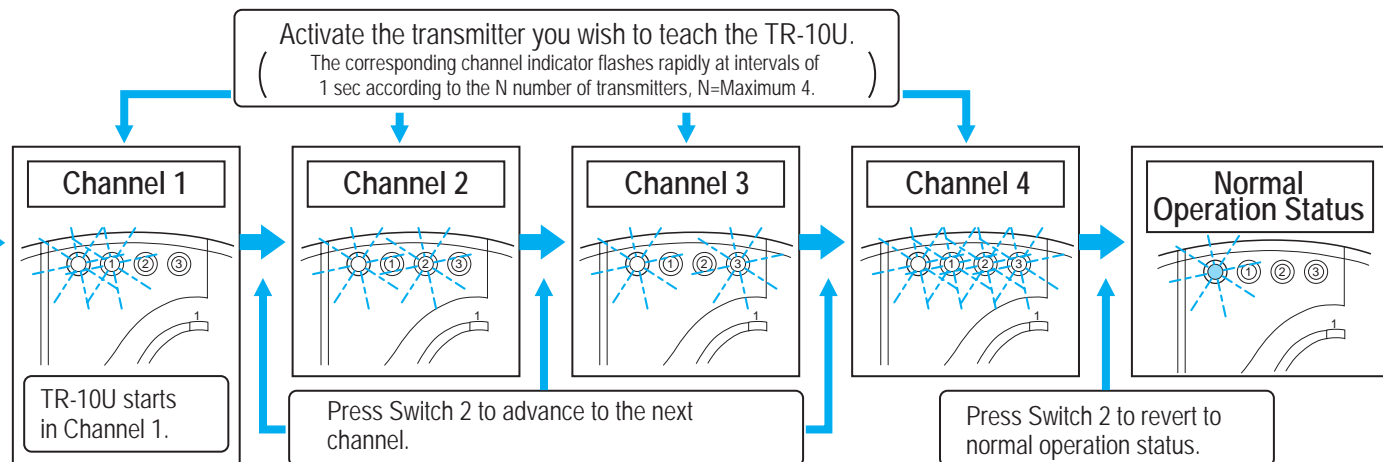
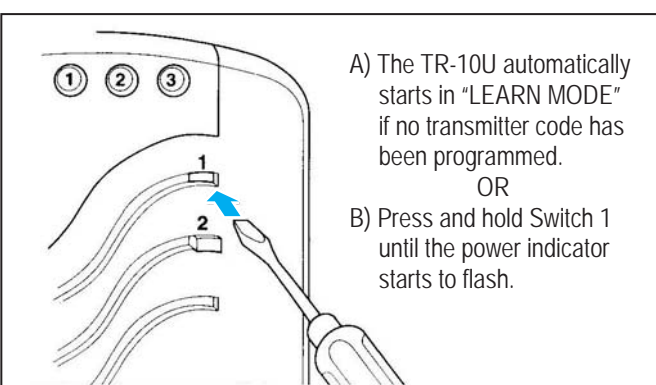


TEACH TRANSMITTER CODES TO THE REPEATER "LEARN MODE"

Each transmitter has a unique transmission code, which can be automatically "LEARN" by the TR-10U. The TR-10U's channel must be taught to respond to the appropriate transmitter. The channel characteristics can be programmed as shown below.

Teach the transmitter code to the TR-10U

Activate "LEARN MODE"



- Notes:**
- Revert to normal operation status before use.
 - Verify that each transmitter has been learned by the TR-10U by triggering them.
 - Turning off the devices, or losing power will not affect the transmitter or the TR-10U's code memory.

Erasing Codes from the TR-10U's Memory

- 1) Hold Switch 1 until the power indicator starts to flash.
 - 2) Press Switch 2 until the appropriate channel indicator is lit.
 - 3) Press Switch 1 to erase. Channel indicator will start to flash.
 - 4) Press Switch 2 a few times until the power indicator stops flashing and remains lit.
- (Note: To erase all programming and revert to the factory default setting, turn on the power while pressing and holding Switch 1.)